Claims

Claims 1-55 (canceled)

Claim 56 (currently amended): ~~An~~ A purified antibody or fragment thereof that specifically binds SEQ ID NO: 4, or a fragment of about 20 to about 24 consecutive amino acids of SEQ ID NO: 4 ~~that deregulates mammary epithelial cellular growth~~.

Claim 57 (currently amended): The purified antibody of claim 56, wherein the antibody is a monoclonal antibody.

Claim 58 (currently amended): The purified antibody of claim 57, wherein the antibody is a humanized antibody.

Claim 59 (currently amended): The purified antibody of claim 56, covalently linked to a toxin, radionucleotide, detectable label or drug.

Claim 60 (currently amended): The isolated antibody of claim 59, covalently linked to a toxin.

Claim 61 (currently amended): The purified antibody of claim 59, covalently linked to a radionucleotide.

Claim 62 (currently amended): The purified antibody of claim 59, covalently linked to a detectable label.

Claim 63 (currently amended): The purified antibody of claim 56, wherein the antibody is a polyclonal antibody.

Claim 64 (currently amended): The <u>purified</u> antibody of claim 56, wherein the antibody specifically binds to a polypeptide encoded by a cDNA deposited as ATCC Accession No. 97209 or as ATCC Accession No. 97030.

Claim 65 (currently amended) : A kit, comprising

a container containing the <u>purified</u> antibody of claim 56 <u>that specifically binds SEQ ID NO: 4, or a fragment of SEQ ID NO: 4 that deregulates mammary epithelial cellular growth</u>.

Claim 66 (currently amended): The kit of claim 62, further comprising

a container comprising a second antibody that specifically binds the <u>purified</u> antibody <s>of claim 56</s> <u>that specifically binds SEQ ID NO: 4, or a fragment of SEQ ID NO: 4 that deregulates mammary epithelial cellular growth</u>,

wherein the second antibody comprises a label.

Claim 67 (new): An isolated antibody that specifically binds amino acids 262-281 or amino acids 57-71 of SEQ ID NO: 4.